

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
18 March 2004 (18.03.2004)

PCT

(10) International Publication Number
WO 2004/022002 A2

- (51) International Patent Classification⁷: **A61K**
- (21) International Application Number:
PCT/US2003/028042
- (22) International Filing Date:
8 September 2003 (08.09.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/409,154 9 September 2002 (09.09.2002) US
- (71) Applicant (*for all designated States except US*): **ENDO PHARMACEUTICALS INC.** [US/US]; 100 Painters Drive, Chadds Ford, PA 19317 (US).
- (72) Inventor; and
(75) Inventor/Applicant (*for US only*): **SCHLAGHECK, Thomas, G.** [US/US]; 14 Warren Street, Rumson, NJ 07760 (US).
- (74) Agents: **DILWORTH, Peter, G.** et al.; Dilworth & Barrese LLP, 333 Earle Ovington Boulevard, Uniondale, NY 11553 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— *without international search report and to be republished upon receipt of that report*
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

WO 2004/022002 A2

(54) Title: COMBINED IMMEDIATE RELEASE AND EXTENDED RELEASE ANALGESIC COMPOSITION

(57) Abstract: The present invention pertains to an analgesic composition comprising an analgesic drug in an extended release form in combination with an analgesia-enhancing amount of a nontoxic N-methyl-D-aspartate receptor antagonist in an immediate release form.